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The Society of the
Plastics Industry, Inc.

Monthly Statistical Report - Resins

SPI

1275 K Street, N.W., #400
Washington, D.C. 20005
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FOR THE MONTH AND PERIOD ENDED

AUGUST 31, 1989

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING & THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
PLEASE USE THE FOLLOWING LEGEND WHEN
QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

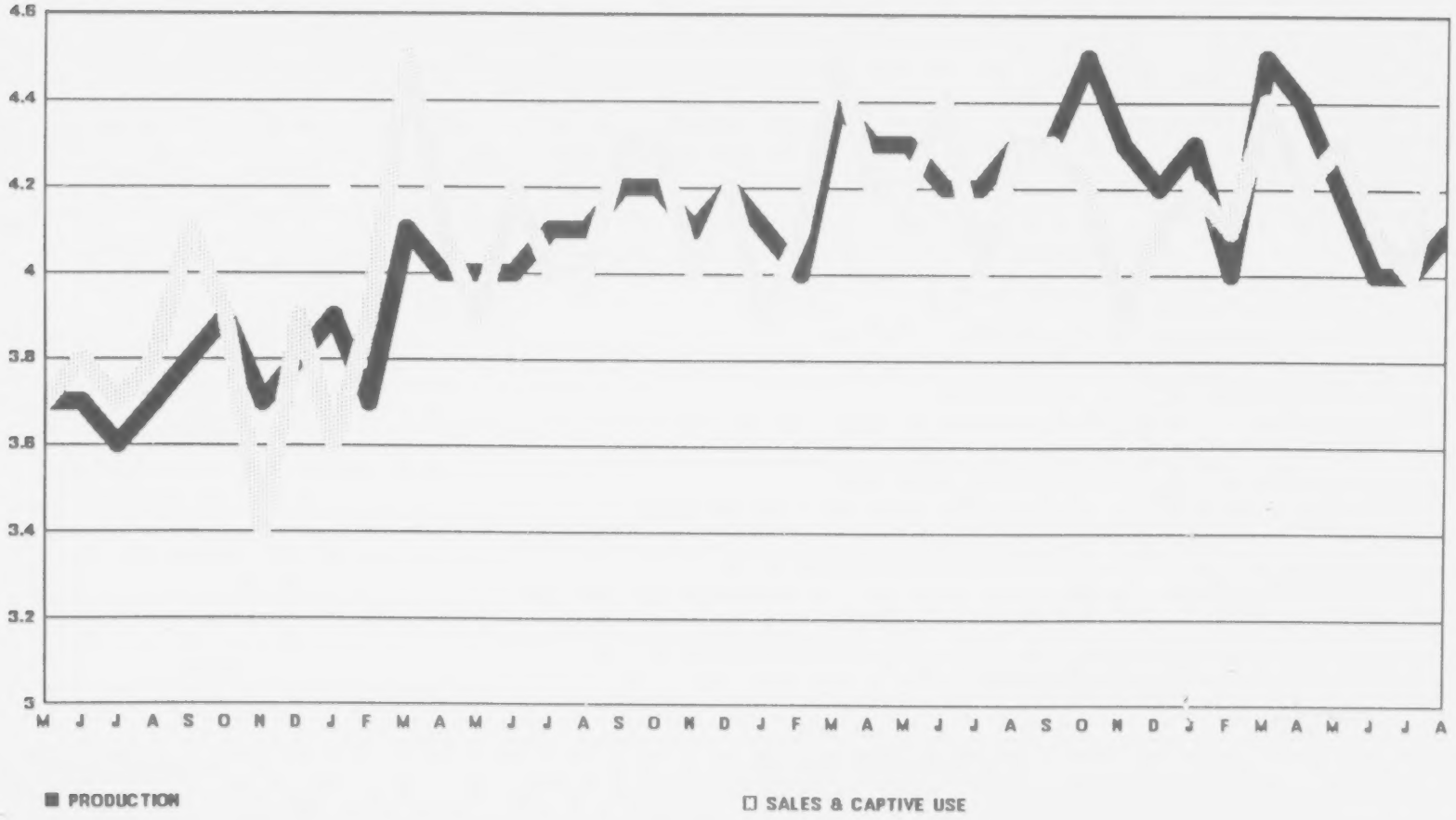
Release Date: OCTOBER 20, 1989

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(BILLIONS OF POUNDS)

AUGUST 1989



SECTION I

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Thousands of pounds, dry weight basis)(1)

CRS

AUGUST 1989

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	38,556	39,428	-2.2	332,933	313,733	6.1	41,690	40,092	4.0	359,122	315,458	13.8
POLYESTER (UNSATURATED) RESINS, TOTAL	112,794	123,564	-8.7	909,516	960,861	-5.3	114,210	122,846	-7.0	919,415	967,186	-4.9
UREA RESINS, TOTAL	121,675	107,221	13.5	942,049	866,335	8.7	77,876	107,899	-27.8	807,032	939,045	-14.1
MELAMINE RESINS, TOTAL	17,735	16,783	5.7	150,953	133,411	13.1	16,706	16,187	3.2	156,658	135,570	15.6
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	200,519	247,492	-19.0	1,808,840	1,993,212	-9.2	224,377	247,626	-9.4	1,920,451	1,994,123	-3.7
THERMOSETTING RESINS, TOTAL	491,279	534,488	-8.1	4,144,291	4,267,552	-2.9	474,859	534,650	-11.2	4,162,678	4,351,382	-4.3
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	930,483	853,226	9.1	6,899,267	6,755,120	2.1	740,808	860,463	-13.9	6,404,018 R	6,804,945	-5.9
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	727,756	683,544	6.5	5,352,333	5,537,782	-3.3	731,278	697,645	4.8	5,493,737	5,618,880	-2.2
POLYPROPYLENE, TOTAL	606,179	638,691	-5.1	4,819,124	4,791,225	0.6	562,358	636,195	-11.6	4,972,229	4,808,723	3.4
ACRYLONITRILE-BUTADIENE-STYRENE (ABS) RESINS, TOTAL	86,276	112,597	-23.4	833,435 R	841,818	-1.0	94,895	108,473	-12.5	914,377 R	830,741	10.1
STYRENE-ACRYLONITRILE (SAN) RESINS, TOTAL	10,307	11,976	-13.9	88,350	95,961	-7.9	9,489	11,887	-20.2	81,978	95,687	-14.3
POLYSTYRENE RESINS, TOTAL	461,345	441,479	4.5	3,486,242	3,413,063	2.1	445,883	452,142	-1.4	3,535,706	3,462,286	2.1
STYRENE BASED LATEXES, TOTAL ***	92,608	89,823	3.1	689,801	669,784	3.0	76,388	82,104	-7.0	642,786	636,377	1.0
OTHER STYRENICS, TOTAL (40% or More Styrene)	13,224	15,868	-16.7	103,266	121,886	-15.3	11,643	12,516	-7.0	98,258	123,798	-20.6
NYLON RESINS (6)	45,667	45,891	-0.5	393,229	378,760	3.8	44,331	47,490	-6.7	387,955	368,641	5.2
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	719,547	720,619	-0.1	5,613,932	5,535,608	1.4	719,715	738,922	-2.6	5,671,297	5,491,151	3.3
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL (2)												
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
OTHER VINYL RESINS (4)	17,100	16,888	1.3	133,945 R	139,160	-3.7	19,133	17,864	7.1	150,742 R	147,863	1.9
THERMOPLASTIC POLYESTER, TOTAL (6)	152,149	138,232	10.1	1,135,299	1,092,572	3.9	120,047	128,493	-6.6	1,078,623	1,074,627	0.4
THERMOPLASTIC RESINS, TOTAL	3,862,641	3,768,834	2.5	29,548,223 R	29,372,739	0.6	3,575,968	3,794,194	-5.8	29,431,706 R	29,463,719	-0.1
GRAND TOTAL	4,353,920	4,303,322	1.2	33,692,514 R	33,640,291	0.2	4,050,827	4,328,844	-6.4	33,594,384 R	33,815,101	-0.7

(1) = Except phenolic resins which are reported on a gross weight basis.
*** = Sales and Captive Use figures include some Canadian produced materials.
(2) = The publishing of PVAC has been suspended.
(3) = The publishing of PVOH data has been suspended.
(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.
(6) = Data Includes Sales from Imports.

D = Disclosure.
R = Revision.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

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SECTION I - THERMOSETTING RESINS

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
EPOXY RESIN, TOTAL	38,556	39,428	-2.2	332,933	313,733	6.1	41,690	40,092	4.0	359,122	315,458	13.8
Total Exports	6,758	7,676	-12.0	61,945	61,236	1.2						
Captive Use, Total	1,673	1,346	24.3	11,857	9,570	23.9						
Domestic Sales, Total	30,125	30,406	-0.9	259,131	242,927	6.7						
Domestic Sales & Captive Use, Total	31,798	31,752	0.1	270,988	252,497	7.3						
Bonding & Adhesives	1,873	1,600	17.1	17,021	14,944	13.9						
Flooring, Paving & Exposed Aggregate	2,022	2,444	-17.3	16,455	16,896	-2.6						
Protective Coatings	15,466	15,565	-0.6	131,848	120,840	9.1						
Fiber Reinforced Lam. & Comp., Total	6,535	6,679	-2.2	58,319	56,317	3.6						
FRL&C for Printed Wiring Board	4,275	4,793	-10.8	40,527	38,574	5.1						
All Other FRL&C	2,260	1,886	19.8	17,792	17,743	0.3						
Tooling, Casting & Molding Resins	2,414	2,533	-4.7	20,684	17,587	17.6						
All Other Uses	3,488	2,931	19.0	26,661	25,913	2.9						
POLYESTER (UNSATURATED) RESINS, TOTAL	112,794	123,564	-8.7	909,516	960,861	-5.3	114,210	122,846	-7.0	919,415	967,186	-4.9
Total Exports	2,630	1,081	143.3	17,701	9,867	79.4						
Total Domestic	110,164	122,483	-10.1	891,815	950,994	-6.2						
General Purpose Resins, Total	95,200	106,115	-10.3	769,224	828,647	-7.2						
General Purpose - Thixotropic	41,517	49,550	-16.2	342,713	387,097	-11.5						
General Purpose - Press Molding	11,593	11,051	4.9	88,112	88,997	-1.0						
General Purpose - All Other	42,090	45,514	-7.5	338,399	352,553	-4.0						
Flame Retardant Resins	2,099	2,412	-13.0	15,970	19,615	-18.6						
Chemical Resistant Resins	12,865	13,956	-7.8	106,621	102,732	3.8						
Chemical Resistant Isophthalic Resins	9,110	10,389	-12.3	80,949	74,432	8.8						
All Other Chemical Resistant Resins	3,755	3,567	5.3	25,672	28,300	-9.3						
Reinforced Plastics, Total	80,641	92,424	-12.7	664,797	726,317	-8.5						
Non-Reinforced Plastics, Total	29,523	30,059	-1.8	227,018	224,677	1.0						

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R = REVISION

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In Thousands of Pounds, Dry Weight Basis)(1)

CRS

AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
UREA RESINS, TOTAL	121,675	107,221	13.5	942,049	866,335	8.7	77,876	107,899	-27.8	807,032	939,045	-14.1
MELAMINE RESINS, TOTAL	17,735	16,783	5.7	150,953	133,411	13.1	16,706	16,187	3.2	156,658	135,570	15.6
UREA & MELAMINE RESINS, TOTAL	139,410	124,004	12.4	1,093,002	999,746	9.3	94,582	124,086	-23.8	963,690	1,074,615	-10.3
Total Exports	D1	D1		D1	D1							
Total Domestic	139,410	124,004	12.4	1,093,002	999,746	9.3						
Textile Treating & Coating Resins	2,111	1,738	21.5	18,085	17,186	5.2	2,670	2,620	1.9	22,020	20,981	5.0
Paper Treating & Coating Resins	4,712	4,229	11.4	37,698	35,386	6.5	3,972	4,458	-10.9	36,296	37,342	-2.8
Molding Compounds	D2	D2		D2	D2		D2	D2		D2	D2	
Bonding & Adhesive Resins for:	111,089	100,235	10.8	881,556	800,062	10.2	72,851	99,239	26.6	757,932	797,772	-5.0
Laminating	5,534	3,668	50.9	53,389	26,878	98.6	4,620	3,345	38.1	45,522	25,857	76.1
Plywood	5,263	4,225	24.6	45,791	33,261	37.7	4,520	4,168	8.4	44,835	35,039	28.0
Fibrous & Granulated Wood (Particle Board)	100,292	92,342	8.6	782,376	739,923	5.7	63,711	91,726	-30.5	667,575	799,876	-16.5
Protective Coatings (Straight & Modified)	8,621	9,258	-6.9	74,067	73,634	0.6	10,020	10,584	-5.3	92,980	85,209	9.1
All Other Uses	12,877	8,544	50.7	81,596	73,478	11.0	5,069	7,185	-29.5	54,462	70,311	-22.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	200,519	247,492	-19.0	1,808,840	1,993,212	-9.2	224,377	247,626	-9.4	1,920,451	1,994,123	-3.7
Total Exports	1,243	1,497	-17.0	12,095	15,188	-20.4						
Total Domestic	199,276	245,995	-19.0	1,796,745	1,978,024	-9.2						
Molding Compounds	15,601	16,006	-2.5	120,637	127,470	-5.4	16,550	17,306	-4.4	128,641	136,451	-5.7
Bonding & Adhesive Resins for:	180,035	221,093	-18.6	1,648,596	1,782,581	-7.5	204,016	221,045	-7.7	1,761,612	1,789,375	-1.6
Laminating	19,356	17,698	9.4	148,445	138,705	7.0	17,172	17,553	-2.2	147,286	139,341	5.7
Coated & Bonded Abrasives	1,538	1,499	2.6	17,810	14,883	19.7	1,270	1,507	-15.7	18,666	14,967	24.7
Friction Materials	3,096	2,973	4.1	26,732	25,031	6.8	1,964	3,063	-35.9	25,577	25,163	1.6
Insulation Materials	34,542	44,510	-22.4	285,275	312,484	-8.7	30,981	44,572	-30.5	283,414	313,390	-9.6
Foundry & Shell Molding	3,596	3,715	-3.2	30,983	34,335	-9.8	2,396	3,695	-35.2	29,547	34,575	-14.5
Plywood	85,545	126,062	-32.1	869,993	1,034,063	-15.9	118,478	126,057	-6.0	937,731	1,034,897	-9.4
Fibrous & Granulated Wood	D3	D3		D3	D3		D3	D3		D3	D3	
Resins Sold to Rubber Industry	1,309	1,632	-19.8	10,105	12,912	-21.7	1,076	1,745	-38.3	10,277	16,514	-37.8
All Other	31,053	23,004	35.0	259,253	210,168	23.4	30,679	22,853	34.2	309,114	210,528	46.8
Protective Coatings - Unmodified & Modified	1,146	1,767	-35.1	8,882	14,193	-37.4	1,126	1,761	-36.1	8,563	14,209	-39.7
Resins Sold to Rubber Ind., Non-Adhesive Uses	D2	D2		D2	D2		D2	D2		D2	D2	
All Other Uses	2,494	7,129	-65.0	18,630	53,780	-65.4	2,685	7,514	-64.3	21,635	54,088	-60.0

D1 = Disclosure: Included in Domestic, Total and All Other Uses.
D2 = Disclosure: Included in All Other Uses.
D3 = Disclosure: Included in All Other Bonding & Adhesive Resins.

(1) = Except phenolic resins which are reported on a gross weight basis.

SECTION I - THERMOPLASTIC RESINS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL (6)	930,483	853,226	9.1	6,899,267	6,755,120	2.1	798,109	N/A		6,880,572 R	N/A	
Total Imports							57,301	N/A		476,554	N/A	
Total Exports	85,971	87,934	-2.2	678,772	652,625	4.0						
Total Domestic	844,512	765,292	10.4	6,220,495	6,102,495	1.9	740,808	860,463	-13.9	6,404,018 R	6,804,945	-5.9
Film (12 Mils & Below)	506,918	472,932	N/C	3,664,380	3,651,559	N/C						
Packaging Film	290,722	N/A		2,145,377	N/A							
Food Packaging Film	110,882	N/A		816,960	N/A							
Non-Food Packaging Film	138,752	N/A		1,026,287	N/A							
Shrink Film	13,618	N/A		92,863	N/A							
Stretch Film	27,470	N/A		209,267	N/A							
Non-Packaging Film	216,196	N/A		1,519,003	N/A							
Carry-Out Bags	30,397	N/A		240,781	N/A							
Trash and Can Liners	108,017	N/A		769,678	N/A							
Other Non-Packaging Film	77,782	N/A		508,544	N/A							
Sheet (Over 12 Mils)	8,568	D4		82,508	D4							
Injection Molding	77,982	64,225	21.4	559,522	481,289	16.3						
Injection Molded Lids	21,823	N/A		157,971	N/A							
Injection Molded Housewares	20,609	N/A		128,908	N/A							
Other Injection Molding	35,550	N/A		272,643	N/A							
Wire & Cable	34,265	30,896	10.9	258,241	253,874	1.7						
Extrusion Coating	61,084	61,567	-0.8	465,794	504,126	-7.6						
Blow Molding	7,863	7,863	0.0	60,728	48,934	24.1						
Pipe & Conduit, Total	4,961	3,956	25.4	46,825	41,459	12.9						
Corrugated Pipe & Conduit	D	D		D	D							
Non-Corrugated Pipe & Conduit	D	D		D	D							
Other Extruded Products	7,908	13,614	-41.9	70,281	124,918	-43.7						
Rotomolding	20,261	N/A		144,621	N/A							
Resellers & Compounders, Total	62,410	46,682	33.7	466,913	396,779	17.7						
Resellers	48,010	N/A		343,625	N/A							
Compounders	14,400	N/A		123,288	N/A							
Adhesives and Sealants	9,003	N/A		77,946	N/A							
All Other Uses	43,289	63,557	-31.9	322,736	599,557	-46.2						

D4 = Disclosure: Included in Film.
(6) = 1989 Data Includes Sales from Imports.

N/A = Data not available.
N/C = Data not comparable.
D = Disclosure.
R = REVISION

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SECTION I - THERMOPLASTIC RESINS

MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis)

CRS

AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	727,756	683,544	6.5	5,352,333	5,537,782	-3.3	731,278	697,645	4.8	5,493,737	5,618,880	-2.2
Total Exports	96,385	41,855	130.3	565,797	472,332	19.8						
Total Domestic	631,371	641,689	-1.6	4,786,536	5,065,450	-5.5						
Film (12 Mils & Below)	61,952	67,545	-8.3	476,812	490,296	-2.8						
Packaging Film	20,239	N/A		135,718	N/A							
Food Packaging Film	14,783	N/A		99,677	N/A							
Non-Food Packaging Film	5,456	N/A		36,041	N/A							
Non-Packaging Film	41,713	N/A		341,094	N/A							
Carry-Out Bags	18,359	N/A		168,674	N/A							
Trash and Can Liners	D9	N/A		D9	N/A							
Other Non-Packaging Film	23,354	N/A		172,420	N/A							
Sheet (Over 12 Mils)	27,219	30,211	-9.9	209,298	184,121	13.7						
Injection Molding	119,918	138,577	-13.5	928,860	1,148,843	-19.1						
Injection Molded Industrial Parts	39,516	N/A		288,298	N/A							
Injection Molded Housewares	15,640	N/A		104,531	N/A							
Injection Molded Food Tubs and Containers	18,745	N/A		152,176	N/A							
Crates & Totes	14,174	N/A		102,783	N/A							
Other Injection Molding	31,843	N/A		281,072	N/A							
Wire & Cable	13,891	12,933	7.4	98,860	82,876	19.3						
Extrusion Coating	D5	D5		D5	D5							
Blow Molding	247,737	263,552	-6.0	1,930,654	2,059,890	-6.3						
Motor Oil Bottles	23,348	N/A		150,313	N/A							
Liquid Food Bottles	76,108	N/A		595,350	N/A							
Household Chemical Bottles	77,240	N/A		593,207	N/A							
Large Containers	20,694	N/A		184,431	N/A							
Other Blow Molding	50,347	N/A		407,353	N/A							
Pipe & Conduit, Total	45,428	42,582	6.7	328,121	368,176	-10.9						
Corrugated Pipe & Conduit	9,112	7,094	28.4	61,416	84,093	-27.0						
Non-Corrugated Pipe & Conduit	36,316	35,488	2.3	266,705	284,083	-6.1						
Other Extruded Products	6,992	8,280	-15.6	46,440	66,365	-30.0						
Rotomolding	5,280	N/A		45,941	N/A							
Resellers & Compounders, Total	70,810	49,512	43.0	494,143	428,273	15.4						
Resellers	63,076	N/A		427,862	N/A							
Compounders	7,734	N/A		66,281	N/A							
All Other Uses	32,144	28,497	12.8	227,407	236,610	-3.9						

D5 = Disclosure: Included in Other Extruded Products.
D9 = Disclosure: Included in Other Non-Packaging Film.

N/A = Not Available.
R = REVISION

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

CRS

AUGUST 1989

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYPROPYLENE, TOTAL	606,179	638,691	-5.1	4,819,124	4,791,225	0.6	562,358	636,195	-11.6	4,972,229	4,808,723	3.4
Total Exports	66,206	128,140	-48.3	740,772	824,082	-10.1						
Total Domestic	539,973	510,551	5.8	4,078,352	3,967,143	2.8						
Injection Molding	149,924	144,061	4.1	1,213,108	1,140,840	6.3						
Appliances	12,599	11,558	9.0	107,757	96,711	11.4						
Consumer Products	48,480	33,625	44.2	370,796	274,940	34.9						
Rigid Packaging	52,289	53,243	-1.8	427,844	418,968	2.1						
Transportation	21,639	26,863	-19.4	190,161	200,810	-5.3						
All Other Injection Molding	14,917	18,772	-20.5	116,550	149,411	-22.0						
Blow Molding	11,267	13,560	-16.9	83,239	88,512	-6.0						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film (10 Mils & Below)	49,603	50,191	-1.2	392,453	392,182	0.1						
Oriented Film	40,267	N/A		298,920	N/A							
Non-Oriented Film	9,336	N/A		93,533	N/A							
Sheet (Over 10 Mils)	8,795	9,562	-8.0	86,386	82,289	5.0						
Extrusion Coating	D5	D		D5	D							
Wire & Cable	D5	D		D5	D							
Fiber & Filaments	186,258	165,573	12.5	1,331,344	1,241,517	7.2						
Textile Applications, Total	176,619	154,239	14.5	1,264,641	1,170,666	8.0						
Nonwovens	45,366	N/A		344,151	N/A							
Monofilaments and Multifilament Fibers	71,839	N/A		558,445	N/A							
Slit Film Fibers	59,414	N/A		362,045	N/A							
Non-Textile Monofilaments	9,639	11,334	-15.0	66,703	70,851	-5.9						
Pipe & Conduit	D5	D5		D5	D5							
Other Extruded Products	7,872	9,212	-14.5	64,365	69,652	-7.6						
Resellers, Distributors, & Compounders, Total	118,586	110,763	7.1	858,257	902,271	-4.9						
Resellers & Distributors	81,787	82,298	-0.6	591,196	663,200	-10.9						
Compounders	36,799	28,465	29.3	267,061	239,071	11.7						
All Other Uses	7,668	7,629	0.5	49,200	49,880	-1.4						

D5 = Disclosure: Included in Other Extruded Products.
N/A = Data not available.
D = Disclosure

D = Disclosure.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS(CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYSTYRENE RESINS, TOTAL	461,345	441,479	4.5	3,486,242	3,413,063	2.1	445,883	452,142	-1.4	3,535,706	3,462,286	2.1
Straight Polystyrene	256,922	240,600	6.8	1,883,923	1,818,642	3.6	238,063	234,809	1.4	1,898,984	1,802,284	5.4
Rubber-Modified Polystyrene	204,423	200,879	1.8	1,602,319	1,594,421	0.5	207,820	217,333	-4.4	1,636,722	1,660,002	-1.4
Exports Total	21,147	13,248	59.6	139,455	109,433	27.4						
Straight Polystyrene	11,210	9,910	13.1	76,763	82,326	-6.8						
Rubber-Modified Polystyrene	9,937	3,338	197.7	62,692	27,107	131.3						
Domestic Total	440,198	428,231	2.8	3,346,787	3,303,630	1.3						
Molding	174,036	166,599	4.5	1,267,954	1,261,456	0.5						
Extrusion	194,016	189,924	2.2	1,505,710	1,507,419	-0.1						
Expandable Polystyrene Beads	62,459	51,962	20.2	460,953	361,970	27.3						
Block	27,474	27,071	1.5	175,003	172,760	1.3						
Shape	11,846	10,654	11.2	97,749	92,120	6.1						
Loose Fill	D6	D6		D6	D6							
Other EPS	23,139	14,237	62.5	188,201	97,090	93.8						
All Other Uses	9,687	19,746	-50.9	112,170	172,785	-35.1						
Polystyrene End Uses Total	440,198	428,231	2.8	3,346,787	3,303,630	1.3						
Packaging	64,282	84,799	-24.2	552,734	691,891	-20.1						
Disposable Food Serviceware	91,384	82,595	10.6	663,753	631,864	5.0						
Consumer and Inst. Products	46,452	65,711	-29.3	439,748	518,338	-15.2						
Electrical/Electronics	46,122	47,999	-3.9	400,554	373,691	7.2						
Furniture, Furn., Bulding & Const.	35,194	27,285	29.0	208,207	194,664	7.0						
Expandable Polystyrene Beads	62,539	51,962	20.4	461,470	361,970	27.5						
Resellers and Compounders	41,750	43,921	-4.9	339,470	350,836	-3.2						
All Other End Uses	52,475	23,959	119.0	280,851	180,376	55.7						

D6 = Disclosure: Included in Other EPS.

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION AND IMPORTS					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
ABS (ACRYLONITRILE-BUTADIENE-STYRENE), TOTAL	86,276	112,597	-23.4	833,435 R	841,818	-1.0	94,895	108,473	-12.5	914,377 R	830,741	10.1
SAN (STYRENE-ACRYLONITRILE-BUTADIENE), TOTAL	10,307	11,976	-13.9	88,350	95,961	-7.9	9,489	11,887	-20.2	81,978	95,687	-14.3
Total Exports	2,652	5,285	-49.8	23,435	34,164	-31.4						
Total Domestic	7,655	6,691	14.4	64,915	61,797	5.0						
OTHER STYRENICS (40% OR MORE STYRENE), TOTAL	13,224	15,868	-16.7	103,266	121,886	-15.3	11,643	12,516	-7.0	98,258	123,798	-20.6
ABS, SAN, & OTHER STYRENICS, TOTAL	109,807	140,441	-21.8	1,025,051 R	1,059,665	-3.3	116,027	132,876	-12.7	1,094,613 R	1,050,226	4.2
Total Exports	N.R.1	N.R.1		N.R.1	N.R.1							
Total Domestic	109,807	140,441	-21.8	1,025,051 R	1,059,665	-3.3						
Electrical/Electronic	N.R.2	N.R.2		N.R.2	N.R.2							
Building and Construction	8,505	13,313	-36.1	96,460	94,788	1.8						
Transportation	17,629	29,589	-40.4	245,335	231,988	5.8						
Consumer/Institutional	N.R.2	N.R.2		N.R.2	N.R.2							
All Other	83,673	97,539	-14.2	683,256 R	732,889	-6.8						
STYRENE BASED LATEXES, TOTAL ***	92,608	89,823	3.1	689,801	669,784	3.0	76,388	82,104	-7.0	642,786	636,377	1.0
Paper Treating	2,452	2,044	20.0	19,163	20,717	-7.5						
Textile Treating	1,001	955	4.8	7,383	7,910	-6.7						
Carpet Backing	33,527	37,626	-10.9	256,349	255,293	0.4						
All Other Uses (Incl. Exports & Paper Coating)	55,628	49,198	13.1	406,906	385,864	5.5						
NYLON RESINS, TOTAL (6)	45,667	45,891	-0.5	393,229	378,760	3.8	N/A	N/A		N/A	N/A	
Total Imports							N/A	N/A		N/A	N/A	
Total Exports	6,424	6,135	4.7	52,245	52,166	0.2						
Total Domestic	39,243	39,756	-1.3	340,984	326,594	4.4	44,331	47,490	-6.7	387,955	368,641	5.2
Injection Molding Grade	22,658	22,387	1.2	203,144	192,969	5.3						
Extrusion Grade	13,435	12,456	7.9	100,777	98,926	1.9						
Resellers and Compounders	2,417	4,169	-42.0	26,422	23,998	10.1						
All Other Uses	733	744	-1.5	10,641	10,701	-0.6						

N.R.1 = Not Reported: Included in Total Domestic and in All Other.
N.R.2 = Not Reported: Included in All Other.
*** = Styrene Based Latexes sales include some Canadian produced material.
(6) = Includes Sales from Imports.

N/A = Not Available.
R = Revision.

Compiled by ERNST & YOUNG Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(In thousands of pounds, dry weight basis)

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin Content)	719,547	720,619	-0.1	5,613,932	5,535,608	1.4	719,715	738,922	-2.6	5,671,297	5,491,151	3.3
Homopolymer Resins Including Blending & Latex	655,634	658,859	-0.5	5,138,198	5,082,735	1.1	661,387	682,388	-3.1	5,194,433	5,044,125	3.0
Copolymer Resins Including Blending & Latex	18,199	20,028	-9.1	145,196	138,847	4.6	14,780	15,298	-3.4	142,302	140,660	1.2
Dispersion	45,714	41,732	9.5	330,538	314,026	5.3	43,548	41,236	5.6	334,562	306,366	9.2
Total Exports	80,569	41,327	95.0	510,704 R	320,785	59.2						
Total Domestic	638,978	679,292	-5.9	5,103,228 R	5,214,823	-2.1						
Calendering, Total	86,827	70,189	23.7	603,313 R	562,176	7.3						
Flooring	19,764	18,279	8.1	141,307	131,958	7.1						
Textile	6,527	10,198	-36.0	80,495	85,578	-5.9						
All Other Calendering Uses	60,536	41,712	45.1	381,511 R	344,640	10.7						
Coating, Total	30,683	32,812	-6.5	242,948	244,190	-0.5						
Flooring	13,636	13,492	1.1	101,388	101,831	-0.4						
Textile & Paper Coating	9,226	9,257	-0.3	71,676	70,649	1.5						
Protective Coating	4,130	5,579	-26.0	34,500	37,354	-7.6						
Adhesives & All Other Coating Uses	3,691	4,484	-17.7	35,384	34,356	3.0						
Extrusion, Total	419,215	464,904	-9.8	3,433,558 R	3,532,325	-2.8						
Wire & Cable	30,944	34,060	-9.1	256,735	284,661	-9.8						
Film & Sheet, Packaging	25,810	27,414	-5.9	216,211	223,058	-3.1						
Film & Sheet, Non-Packaging	3,893	3,422	13.8	35,681	29,571	20.7						
Siding & Access., & Mobile Home Skirts	64,044	69,281	-7.6	514,643	470,405	9.4						
Rigid Pipe & Tubing (Except Fittings)	243,307	284,773	-14.6	2,043,835 R	2,177,526	-6.1						
All Other Extrusions	51,217	45,954	11.5	366,453	347,104	5.6						
Molding, Total	42,858	43,721	-2.0	351,195	375,271	-6.4						
Bottles	19,102	19,256	-0.8	144,363	146,883	-1.7						
Fittings (Rigid Pipe & Tubing)	10,755	10,480	2.6	103,051	112,732	-8.6						
All Other Molding	13,001	13,985	-7.0	103,781	115,656	-10.3						
Paste Processes (Except Coating)	14,392	14,239	1.1	118,483	110,755	7.0						
Plastisol Formulation	7,793	7,707	1.1	63,336	56,768	11.6						
All Other	6,599	6,532	1.0	55,147	53,987	2.1						
Resellers and Compounders	27,272	33,129	-17.7	214,099	245,184	-12.7						
All Other Uses	17,731	20,298	-12.6	139,632	144,922	-3.7						

R = REVISION

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
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(In thousands of pounds, dry weight basis)

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	AUGUST			YEAR-TO-DATE			AUGUST			YEAR-TO-DATE		
	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG	1989	1988	% CHG
VINYL ACETATE MONOMER (2) FOR POLYVINYL ACETATE, TOTAL												
Total Exports												
Total Domestic												
Emulsion Paints												
Adhesives, Caulks and Sealants												
Paper Treating & Paper Coating												
Textile Treating												
Non-Woven Binders												
All Other Uses												
POLYVINYL ALCOHOL, TOTAL (3)	D	D		D	D		D	D		D	D	
Total Exports	D	D		D	D							
Total Domestic	D	D		D	D							
OTHER VINYL RESINS, TOTAL (4)	17,100	16,888	1.3	133,945 R	139,160	-3.7	19,133	17,864	7.1	150,742 R	147,863	1.9
Total Exports	5,344	4,627	15.5	46,478	45,377	2.4						
Total Domestic	11,756	12,261	-4.1	87,467 R	93,783	-6.7						
THERMOPLASTIC POLYESTER, TOTAL (6)	152,149	138,232	10.1	1,135,299	1,092,572	3.9	120,047	128,493	-6.6	1,078,623	1,074,627	0.4
Total Exports	32,970	13,995	135.6	202,674	162,317	24.9						
Total Domestic	119,179	124,237	-4.1	932,625	930,255	0.3						
PET Bottle Grades	81,317	83,086	-2.1	627,025 R	626,491	0.1						
All Other Thermoplastic Polyester (5)	37,862	41,151	-8.0	305,600 R	303,764	0.6						

(2) = The publishing of PVAC data has been suspended.
(3) = The publishing of PVOH data has been suspended.
(4) = Includes only polyvinyl butyral, polyvinyl formal, and polyvinylidene.
(5) = Includes all other PET and all injection molding grades.
(6) = 1989 Data Includes Sales from Imports.

D = Disclosure.
N/A = Not Available.

Compiled by ERNST & YOUNG, Washington, D.C., for SPI's COMMITTEE ON RESIN STATISTICS (CRS)

AB920-5

The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

1275 K Street, N.W., #400
Washington, D.C. 20005
(202) 371-5200

FOR THE MONTH AND PERIOD ENDED

AUGUST 31, 1989

APPARENT CONSUMPTION REPORT OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & YOUNG, WASHINGTON, D.C.
Association Services Group

NOTE TO USERS:
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SOURCE: SPI COMMITTEE ON RESIN STATISTICS
AS COMPILED BY ERNST & YOUNG

Release Date: DECEMBER 22, 1989

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SPI

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
MONTHLY STATISTICAL REPORT
(Millions of pounds, dry weight basis)(1)

CRS

AUGUST 1989

RESIN KIND	AUGUST				YEAR-TO-DATE				
	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	PRODUCTION	IMPORTS	EXPORTS*	APPARENT CONSUMPTION	IMPORT % OF APPARENT CONSUMPTION
EPOXY RESIN, TOTAL	41.7	1.3	6.8	36.2	359.1	9.3	61.9	306.5	3.0
POLYESTER (UNSATURATED) RESINS, TOTAL	114.2	0.6	7.6	107.2	919.4	4.2	68.1	855.5	0.5
UREA RESINS, TOTAL	77.9	2.1	2.1	77.9	807.0	19.4	10.2	816.2	2.4
MELAMINE RESINS, TOTAL	16.7	0.3	1.0	16.0	156.7	3.8	8.3	152.2	2.5
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	224.4	3.3	5.2	222.5	1,920.5	26.0	45.1	1,901.4	1.4
THERMOSETTING RESINS, TOTAL	474.9	7.6	22.7	459.8	4,162.7	62.7	193.6	4,031.8	1.6
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	740.8	87.4	70.5	757.7	6,404.0	563.0	683.9	6,283.1	9.0
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	731.3	10.8	106.2	635.9	5,493.7	66.4	711.6	4,848.5	1.4
POLYPROPYLENE, TOTAL	562.4	5.4	89.8	478.0	4,972.2	37.0	911.1	4,098.1	0.9
ABS RESINS, TOTAL (ACRYLONITRILE-BUTADIENE-STYRENE)	94.9	6.3	15.2	86.0	914.4	44.5	83.5	875.4	5.1
SAN (STYRENE-ACRYLONITRILE) RESINS, TOTAL	9.5	0.4	3.6	6.3	82.0	3.2	59.8	25.4	12.6
OTHER STYRENICS	88.0	1.6	22.4	67.2	741.1	14.3	132.9	622.5	2.3
POLYSTYRENE RESINS, TOTAL	445.9	7.7	43.2	410.4	3,535.7	43.6	222.2	3,357.1	1.3
NYLON RESINS	44.3	4.2	15.0	33.5	388.0	38.7	125.5	301.2	12.8
POLYVINYL CHLORIDE & COPOLYMERS, TOTAL (Dry Resin content)	719.7	5.3	58.6	666.4	5,671.3	38.7	465.2	5,244.8	0.7
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
POLYVINYL ALCOHOL, TOTAL	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)	D(4)
OTHER VINYL RESINS	19.1	6.6	29.3	(3.6)	150.7	239.4	277.7	112.4	213.0
THERMOPLASTIC POLYESTER, TOTAL	120.0	3.1	36.9	86.2	1,078.6	34.9	241.2	872.3	4.0
THERMOPLASTIC RESINS, TOTAL	3,575.9	138.8	490.7	3,224.0	29,431.7	1,123.7	3,914.6	26,640.8	4.2
GRAND TOTAL	4,050.8	146.4	513.4	3,683.8	33,594.4	1,186.4	4,108.2	30,672.6	3.9

(1) = Except phenolic resins which are reported on a gross weight basis.
(4) = The publishing of PVOH data is temporarily suspended.
N/A = Not Available. The publishing of PVac and OSBP is temporarily suspended.
D = Disclosure
R = Revision
Monthly and Year-To-Date totals may not agree due to government revisions and rounding.

Sources: Production - SPI Monthly Statistical Report
Imports - Bureau of the Census (IM 145)
Exports - Bureau of the Census (EM 545)

* Except for Epoxy Resin, Bureau of Census exports will differ from exports published in the SPI Monthly Statistical Report.

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